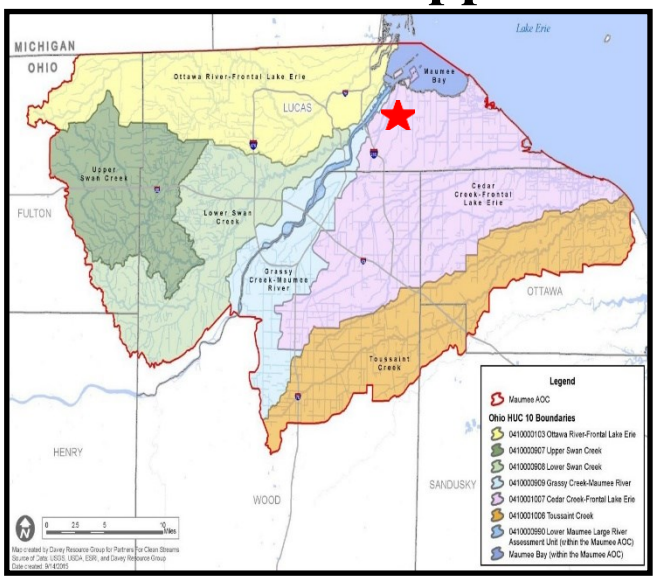
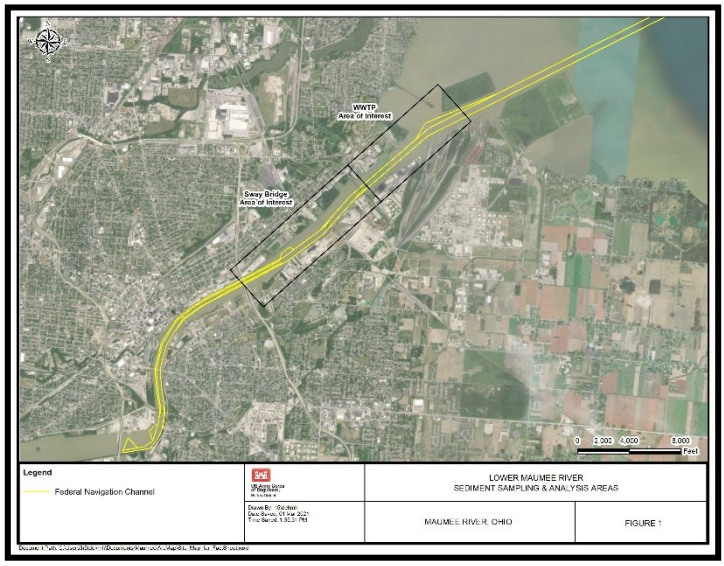
US Army Corps of Engineers

Lower Maumee River, OH
Great Lakes Legacy Act Technical Support



Project Location: This project is located on the lower 3.5 miles of the Maumee River where it empties into Western Lake Erie.

Description of Problem: Previous samples taken from two reaches in this part of the river show elevated levels of contaminated sediment. Further sediment sampling and analysis is needed to determine if the contamination sediments are contributing to beneficial use impairments and requires remedial action.



Proposed Project: The scope of this project involves collecting surface and core samples within two reaches located on the lower 3.5 miles of the river. The first reach is located at the mouth of the river, on the northwest bank, adjacent to the Toledo Wastewater Treatment Plant. Reach 2 is located two miles upstream, along the southwestern bank of the river, adjacent to a Sway Bridge. Samples will be analyzed for bulk sediment chemistry, benthic toxicity, and PCB bioaccumulation.

Partners and Collaboration: USEPA, Ohio EPA, USEPA's Office of Research and Development and the USACE. The USACE Buffalo District is providing technical support to the USEPA on this project through the Economy Act.

Project Benefits:

- Collecting samples and conducting analysis will determine if sediment remediation is necessary.
- Determining if sediment is classified as toxic or non-toxic.
- Delineate sediments with unacceptable toxicity and/or bioaccumulation potential.
- Determine whether contaminated sediment is contributing to beneficial use impairments in Maumee AOC.
- Data collected during the sampling would support a feasibility study if remedial action is necessary.

Project Status: Project team is finalizing the sampling plan and sample collection is scheduled to begin in June 2021.

Estimated Project Costs	
Federal	$1,300,000

Point of Contact
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Project Milestones	
Sediment Collection	August 2021
Sediment Testing & Analysis	December 2021
Data Validation and Review	January – April 2022
Draft Sediment Report	March 2022
Review of Draft Sediment Report	March 2022
Final Sediment Report	April 2022

Great Lakes RESTORATION